



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-204808  
Lot Number: SAMPLE  
Product Name: Mitiglinide Calcium  
CAS Number: 145375-43-5  
Molecular Formula:  $(C_{19}H_{24}NO_3)_2 \cdot Ca$   
Molecular Weight: 668.88

Test	Specification	Result
Appearance	White to off-white powder	Complies
Assay (UPLC)	$\geq 99.0\%$	$> 99.5\%$
Melting Point	179.0 - 184 °C	180 - 184 °C
Solubility		Freely soluble in glacial acetic acid, soluble in methanol, and insoluble in water
Specific Rotation	$+5.0^\circ - +7.5^\circ$	$+6.3^\circ$
Heavy Metals	$\leq 20$ ppm	Complies
Loss on Drying	4.5% - 6.0%	5.42%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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